

# INTERNATIONAL SEARCH REPORT

Inter      al Application No  
**PCT/IB 03/05358**

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7      B26B19/14      B26B19/26

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7      B26B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
**EP0-Internal**

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 860 247 A (IZUMI PROD CO) 26 August 1998 (1998-08-26) column 3, line 6 -column 7, line 22; figures 1-7	1
Y	EP 0 925 158 B (KONINKL PHILIPS ELECTRONICS NV) 26 June 2002 (2002-06-26) cited in the application page 3, paragraph 17; figures 1-3	1
A	US 2 283 834 A (DAM ALEXIS VAN ET AL) 19 May 1942 (1942-05-19) page 1, column 2, line 5-40; figures 1,2	1
A	US 2 308 920 A (DAM ALEXIS VAN ET AL) 19 January 1943 (1943-01-19) page 1, column 2, line 20-28; figures 1,2	1

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

**20 February 2004**

**26/02/2004**

Name and mailing address of the ISA  
European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax (+31-70) 340-3016

Authorized officer

**Rattenberger, B**

# INTERNATIONAL SEARCH REPORT

on patent family members

Inter Application No

PCT/IB 03/05358

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0860247	A	26-08-1998	US 6212776 B1 CA 2227054 A1 DE 69807763 D1 DE 69807763 T2 EP 0860247 A1	10-04-2001 25-08-1998 17-10-2002 19-02-2004 26-08-1998
EP 0925158	B	30-06-1999	WO 9835794 A1 EP 0925158 A1 CN 1217680 A CN 1129510 B DE 69806221 D1 DE 69806221 T2 JP 2000509628 T US 2001039734 A1	20-08-1998 30-06-1999 26-05-1999 03-12-2003 01-08-2002 13-02-2003 02-08-2000 15-11-2001
US 2283834	A	19-05-1942	DE 718390 C FR 861524 A GB 533467 A NL 53921 C	11-03-1942 11-02-1941 13-02-1941
US 2308920	A	19-01-1943	CH 214963 A DE 694507 C GB 538916 A NL 59579 C	31-05-1941 02-08-1940 21-08-1941